

GREEN CONNECTIONS

A LONG BEACH AIRPORT SUSTAINABLE PROGRAMS UPDATE



IN THIS ISSUE

- Green Airport Program
- Green Airport Program Accomplishments:
 - Materials & Resources
 - Airport Noise Mitigation
 - Energy & Atmosphere
 - Storm Water Management

Want to know more about the Green Airport Program? Need assistance with Best Management Practices (BMPs)? Curious about sustainable initiatives? Our Green Team is ready to help.

Jimmie Smith,
Administrative Analyst II, Airport Bureau

David Werner,
Clerk Typist III, Airport Bureau

Norton Hampton,
Acting Building Maintenance Supervisor, Airport Bureau

Fred Peña,
Superintendent – Airport Operations, Airport Bureau

Chris Kunze,
Special Advisor, Airport Bureau

Lonnie Mitchell,
Special Projects Officer and Program Coordinator, Airport Bureau

For assistance, contact Lonnie Mitchell at 570-2670 or Lonnie_Mitchell@longbeach.gov

GREEN AIRPORT PROGRAM

The Long Beach Airport (LGB) is a source of substantial economic activity for the City. Although environmental assessments and studies show it is not a large source of emissions within the region, LGB is committed to a strategy of sustainability, defined through its Green Airport Program.

Structured to help improve air quality, increase energy efficiency and utilize best management practices, the Green Airport Program's eight guiding principles are:

Ensure and maintain the integrity of the City's Airport Noise Compatibility ordinance;

Lessen the impact of noise on the community by taking applicable enforcement actions against 100% of identified ordinance violators;

Protect the local community and environment from the impacts of its operations (e.g. diverting solid waste, using reduced-toxicity products, incorporating energy-efficient design in new facilities);

Promote sustainability in Terminal design, development and operations;

Utilize the most cost-effective technology available for minimizing the impacts of Airport operations, and leverage advanced technology solutions;

Distinguish the Airport as a leader in environmental stewardship and regulatory compliance; and

Reduce emissions from airline ground-support equipment, aircraft auxiliary power units and ground transportation through the use of alternative-fuel equipment;

Engage and educate the community, tenants and employees about Airport development and environmental programs.

The Program's initiatives of sustainability are:

- ✓ AIRPORT NOISE MITIGATION
- ✓ CONSTRUCTION PRACTICES
- ✓ ENERGY AND ATMOSPHERE
- ✓ FACILITY OPERATIONS
- ✓ GREEN PURCHASING
- ✓ GROUND TRANSPORTATION RESOURCES

- ✓ INDOOR ENVIRONMENTAL QUALITY
- ✓ LANDSCAPE AND EXTERIOR DESIGN
- ✓ MATERIALS AND RESOURCES
- ✓ STORM WATER MANAGEMENT
- ✓ WATER EFFICIENCY

For more information, click on: WWW.LGB.ORG

Join us! You'll be receiving soon an invitation for our Fall Airport Tenant Briefing and Reception. Take advantage of this opportunity to meet Airport Bureau staff and hear the latest updates on Airport Concessions, construction, and how to access information and services offered by the City of Long Beach.



Materials and Resources

The Airport has put into practice an integrated solid waste management and recycling program:

Recycling

The Airport's recycling program was implemented in October 2004. Commodities recycled from the Terminal and holding areas include: beverage containers, newspapers and cardboard. To date, we've recycled a total of 502,396 pounds (251.2 tons) of recyclables.

When it comes to recycling, more is definitely better! Help us increase the recycling of office materials. Use the blue recycling bin nearest your work area to recycle the following materials:

White and colored paper

Message forms and Post-It notes

Magazines and newspapers

Envelopes and small cardboard boxes

Junk mail

Empty beverage containers

If you need additional recycling bins for your work area, please contact David Werner at extension 570-2611.

IMPORTANT REMINDER: LGB TENANTS HAVE THE CHOICE TO UTILIZE THE CITY'S REFUSE DIVISION FOR WASTE HAULING OR TO CONTRACT WITH A PRIVATE HAULER. THE CITY REQUIRES PERMITTED HAULERS TO OFFER RECYCLING SERVICES TO THEIR LONG BEACH CUSTOMERS.

Coming Soon: The Airport Bureau is developing a tenant survey to compile waste management and recycling data for Terminal and Air Field areas. This will be a great opportunity to promote your company's recycling and waste reduction efforts.

Waste-to-Energy Conversion

Solid waste that cannot be recycled is diverted from local landfills and transported to Long Beach's waste-to-energy facility, Southeast Energy Recovery Facility (SERRF). On average, the Airport transports 740 tons of solid waste annually to SERRF. Once converted, 740 tons of waste generates 370,000 kilowatts of electricity – enough to provide 52 homes with electric power for an entire year.



2007 Earth Day Celebration and Information Fair

The Airport Bureau hosted an Earth Day Fair on Wednesday, April 25. It was a great opportunity for Airport Bureau staff and Terminal-area employees to learn about environmentally preferable practices for the workplace and the home. City Departments included: Public Works, Health and Water. Also represented were the Coalition for a Smoke-Free Long Beach, Airport Public Affairs and LGB's Green Airport Program. The City's Engineering Bureau featured a special display on the new Mark Twain Library, the City's first LEED-certified building.

Airport Noise Mitigation

In 1995, the City of Long Beach adopted an Airport Noise Compatibility Ordinance, one of the toughest in the United States. Noise is monitored and measured continuously throughout the Airport area, using the latest technology.

Become a member of our Aviation Noise Abatement Committee (ANAC) and participate in our "Fly Quiet" program meetings. For more information, contact Lonnie Mitchell at 570-2670.

GREEN AIRPORT PROGRAM ACCOMPLISHMENTS

Energy & Atmosphere

Emission Reductions

The Airport has installed a new electric-charging infrastructure on the air carrier ramp to reduce emissions from airline ground service equipment (GSE). This new fast-charging equipment effectively reduces charge time by 20-25%. Additionally, the new chargers collect and retain performance data that can be utilized to calculate emission reductions for air quality reporting purposes.

Funded by the South Coast Air Quality Management District (AQMD), this emission-reduction project provides the following benefits:

Improved air quality

Reduced noise in the Terminal ramp area

Energy conservation

Increased fuel efficiency

Compliance with emissions-reduction requirements

Less CO2

The Airport now offers two new parking-lot features that are convenient and CO2-free:

1. Two electric-vehicle charging stations available for use in Parking Lot C
2. Cell phone waiting lot where drivers are encouraged to wait until they receive a call from their arriving guests. This 30-space waiting lot is located on the northeast corner of Lakewood Boulevard and Wardlow Road (vehicles must be attended at all times).

Smartway Transport

SmartWay Transport Partnership is an innovative collaboration between the U.S. EPA and the freight industry to increase energy efficiency while significantly reducing greenhouse gasses and air pollution. By 2012, this initiative aims to reduce between 33-66 million metric tons of CO2 emissions and up to 200,000 tons of nitrogen oxide emissions per year. At the same time, this initiative will result in fuel savings of up to 150 million barrels of oil annually.

SmartWay Transport Partners save fuel, money and the environment. Three of our air field tenants are SmartWay Partners -- DHL, FedEx and UPS.

Indoor Environmental Quality

The LGB Smoke-Free Policy went into effect April 15, 2007. The purpose of this policy is to provide a smoke-free environment that is safer and cleaner for all. This policy covers all City of Long Beach/Airport-owned facilities (including buildings, vehicles and outdoor areas within the Terminal-area boundaries) and applies to all employees, passengers, clients, contractors, volunteers and visitors.

Three outdoor "Designated Smoking" areas have been established and are located at each end of the Terminal (near the baggage claim areas) and on the north balcony of the Legends of Aviation restaurant.

Storm Water Management

Are you ready for storm season? Here in Southern California, October through May is our official storm season. All Airport tenants need to make sure their Storm Water Pollution Prevention Best Management Practices (BMPs) are in place and are sufficient for preventing residues, spills, trash and debris from being deposited on the ground.

BMPs that are of great importance in preventing storm-water pollution:

Good housekeeping methods

Vehicle and aircraft preventive maintenance

Daily inspections of facilities and equipment

Dry washing of aircraft and other vehicles

Employee training

Continued on back page

GREEN CONNECTIONS

Long Beach Airport • 4100 Donald Douglas Drive • Long Beach, CA 90808-1798

The Long Beach Airport is committed to achieving excellence in environmental protection by integrating environmental values into all Airport activities

Storm Water Management continued

Employee training for storm season made easy! Check out the Storm Water Pollution Prevention Employee Training video – designed specifically to assist Airport tenants with training their employees in proper pollution prevention methods required by our storm water permit. The training video is available for viewing on the Tenants Only section of our web site. Click on:

www.longbeach.gov/airport/tenant/environmental/stormwater/training.asp

Got signage? The Airport offers free to all tenants storm drain signage decals. Call 570-2670 and place your order today.

REMINDER: DOCUMENT YOUR EMPLOYEE TRAINING SESSIONS AND KEEP YOUR RECORDS FOR FUTURE STORM WATER INSPECTIONS.

Inspections Results!

Annual Storm Water Self-Inspection: In June, we conducted our annual Storm Water Self-Inspection (a requirement of our General Industrial Storm Water Permit). The inspection showed that tenant BMPs continue to function adequately, and in many cases, very well. It requires commitment and hard work to keep LGB in regulatory compliance – congratulations!

Regional Water Quality Control Board

Inspection: The Los Angeles Regional Water Quality Control Board recently conducted an inspection of the Long Beach Airport and its leaseholds. In general, the Airport is in compliance with our Industrial Storm Water General Permit.

A concern of the inspectors was the condition of aircraft tie-down areas. More

specifically, the Water Board is recommending that all fixed-base operators who provide tie-down space (for rent or lease) adopt the following BMPs:

Install signage for pilots stating that all waste or test fuel must be properly disposed of. Under no circumstance should fuel be deposited on the ground.

Provide in a central location for pilot use a water-tight, spill-proof disposal container for waste fuel.

While these are not yet requirements of the General Permit, they are BMPs that will most likely be referred to in future inspections.

For additional information on storm water BMPs and other environmental resources, click on the Tenants Only section of www.longbeach.gov/airport/tenant/default.asp